SENCOR®

Let's live!

LED Television

SLE 24F54M4

USER'S MANUAL

EN

Carefully read this user's manual before putting the television into operation. Keep it for future use. Record the model number and the serial number of the television. See the label on the rear cover and provide this information to your vendor in the event that you require repairs.

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Important safety conditions

If you want to use this product correctly, carefully read this user's manual and store it for future reference. If you give (sell) the device to somebody, please also include all the documentation together with this device, including this user's manual.

The flash symbol in an equilateral triangle indicates that there is dangerous voltage inside this device, which presents a risk of injury by electrical shock.

To reduce the risk of injury by electrical shock do not remove the cover (or the rear side). There are no components inside which the user can repair. Have all repairs or adjustments performed at an authorised service centre.

The exclamation mark in an equilateral triangle symbol indicates important operating or servicing instructions in the device's documentation.

General safety instructions

- Carefully read this manual before using the device. Follow the instructions contained in this user's manual.
- Heed all warnings.
- Adhere to all instructions.
- Use only accessories determined by the manufacturer.
- **AN OPEN FLAME MUST NOT BE PLACED ON THE DEVICE, E.G. A BURNING CANDLE. DO NOT PLACE HOT ITEMS OR OBJECTS WITH AN OPEN FLAME E.G. CANDLES OR NIGHT LAMPS ON OR IN THE VICINITY OF THE DEVICE. HIGH TEMPERATURES MAY MELT PLASTIC PARTS AND CAUSE A FIRE.**
- Use the device in a temperate climate zone.
- Neither the manufacturer nor the vendor of the device under any condition takes responsibility for any direct or indirect damages caused by not adhering to instructions for installation, set-up, use, servicing or cleaning of this device as described in this user's manual.
- Protect the device against being knocked, dropped, hit, shaken and against vibrations, humidity and dust.
- Before allowing children to use the device, they must be appropriately to their age, informed about the correct and safe use of the player.
- If the device is equipped with a headphone jack, do not use headphones set to an extreme volume. There is a danger of hearing damage or loss.

This symbol indicates that the device has double insulation between the dangerous mains voltage and the parts accessible to the user. In the case of servicing use only identical spare parts.

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Installation, operation

- Install the device according to the instructions in the user's manual.
- Leave free space on all sides of the device, necessary for proper air circulation. This removes the heat created during operation. Covering the ventilation openings of the device's case creates a risk of overheating or damaging the device. It is necessary to ensure that the ventilation openings are not blocked, e.g. by a newspaper, table cloth, curtain, etc. Follow the installation instructions in the user's manual.
- This device should not be located in a closed-off area such as a bookshelf or rack, if sufficient ventilation is not provided for or the instructions of the manufacturer are not followed.
- Never insert any items into any ventilation or other openings because they could come into contact with points with dangerous voltage levels or cause a short circuit of parts, which could cause a fire or injury by electric shock. Never pour any liquid into the device.
- Do not install the device in direct sunlight or near sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) producing heat. High temperatures significantly reduce the lifetime of electronic components in the device. Do not use or leave the device in the vicinity of an open fire.
- The device must not be exposed to dripping or running water and objects filled with water must not be placed on it, e.g. vases. Protect the device against rain, spray or contact with any other liquid, do not leave or install the device outdoors. Do not use the device outdoors. Not adhering to these instructions creates a risk of electrical shock or fire hazard.
- Do not use this device near water.
- Treat the glass panels and the device cover with care. The screen glass can break on impact and cause serious injuries.
- Make sure that the power cord is not stepped on or compressed, particularly near the power plug, power socket and at the point where it exits the device or the adapter. The power plug (adapter) is used as a disconnection device and must be easily accessible.
- Never use a device with a damaged power cord or plug. If the power cord or plug are damaged, turn off the device, disconnect it from the power source and contact an authorised service centre. A damaged power cord or plug may only be replaced by qualified personnel. Under no circumstances attempt to replace the power cord or plug yourself.
- Do not try to circumvent the polarised power plug safety feature. If the power plug cannot be inserted into your power socket, contact a qualified electrician to replace the old type of power socket.
- Before connecting the device into a power socket, check that the voltage in your power socket corresponds to the voltage on the rating label of the device or on its power adapter. If you are not certain about the type of the power sources in your home, contact your vendor or the local energy company.
- Before turning on the device, check that the electrical connection is performed properly and in accordance with the instructions of the manufacturer. Before connecting or changing the connection, turn off the device and disconnect it from the mains.
- Remember to always disconnect the power plug (adapter) from the power socket before disconnecting the power cable from the rear side of the device.

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- Insert the power plug into a separate power socket. Do not overload wall sockets with extension cords or multi-socket adapters. There is a risk of injury by electric shock.
- When disconnecting, hold the power cord by the plug and not by the cord itself.
- Disconnect the device from the power socket during storms or if you will not be using it for an extended period of time.
- Avoid moving the device from a cold environment to a warm one or vice versa, or when using the device in a very humid environment. Air humidity may condense on some components inside the case of the device and the device may stop working temporarily. If this occurs leave the device in a warm and well ventilated place and wait 1 – 2 hours until the moisture evaporates and the device can once more be used as usual. Take care especially during the first use of the player immediately after its purchase during a cold season.
- Do not place this device on an unstable cart, pedestal, stand, bracket or table. The device could fall and cause serious injuries to children or adults or could be seriously damaged or damage other items. Only use the device with a cart, pedestal, stand or table designated by the manufacturer or sold with the device. Any mounting of the device should be carried out according to the manufacturer's instructions and the mounting accessories recommended by the manufacturer should be used.
- Do not lean on the device, do not lean over it or use it as a step. Protect it against violent movements. Ensure that children do not play with the device.
- If using the cart, be careful when moving it. Stopping suddenly, excessive force and uneven surfaces could cause the cart to fall over with the device .
- Neither the manufacturer nor the vendor of the device under any condition takes responsibility for any direct or indirect damages caused by not adhering to instructions for installation, setup, use, repair or cleaning of this device as described in this user's manual.
- Protect the device against being knocked, dropped, hit, shaken and against vibrations, humidity and dust.
- Do not expose the device to extreme temperatures or humid conditions.

Note:
If the device is powered by an adapter, use only the adapter and AC power cord supplied with the device. Do not use faulty power sockets. Check that the power plug is properly inserted into the power socket. If the power plug is loose, arching could result in a fire. Contact a qualified electrician to have your socket replaced.

Only connect the device to a properly grounded socket with a protective grounding pin.

If you will be installing the device on a wall or to the ceiling, follow the manufacturer's instruction found in the user's manual of the particular device.

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Repairs and maintenance

- To prevent risk of injury through electric shock or the creation of a fire, do not take the device out of the case - there are no parts inside the case repairable or adjustable by the user without relevant equipment and qualifications. Should the device require adjustment or repair, contact a professional service centre.
- In the case of any unusual events occurring during the use of the device, e.g. if there is a distinct smell of burning insulation or smoke comes out of the device, immediately turn off the device, disconnect the device from the power source and do not use the device until you have received the results of the inspection performed by the employees of the professional service centre.
- Have all repairs carried out by qualified personnel. Repairs are necessary if the device has been damaged in any way, for example if the power cord is damaged, liquid was poured on the device, foreign objects have entered the device, the device has been exposed to rain or moisture, if the device is not working as usual or if it has fallen.
- In the event of repair or replacement of a part of the device, ensure that the service technician uses components designated by the manufacturer or that these components have the same specifications as the original ones. Unauthorised replacements could cause a fire, lead to a danger of injury by electrical shock or other dangers.
- Before cleaning, carrying or other maintenance, disconnect the plug (adapter) from the power socket.
- Clean the device only with a dry cloth.
- For cleaning do not use petrol, thinners or any other solvents or use any abrasive cleaning agents, steel wool or any sponges with steel wool.

Note:
Do not throw the device into ordinary household waste. For disposal follow all local laws and regulations.

Remote control and batteries

- Do not expose the remote control or the batteries to direct sunlight or sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) that produce heat. Do not use or leave the device in the vicinity of an open fire.
- Ensure that the sensor is not exposed to a strong light source (e.g. sunlight) or light from fluorescent light tubes, which could reduce the effectiveness and reliability of the remote control.
- Neither the remote control nor the batteries may be exposed to dripping or running water and objects filled with water must not be placed on them, e.g. vases. Protect against exposure to rain, spraying or pouring of any kind of liquid. Do not use outdoors. Not following these instructions creates a danger of damage to the remote control or to the battery.
- Do not use this device near water.

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- It is necessary to pay attention to the environmental impact aspects of battery disposal.
- The incorrect use of batteries may cause the leakage of the electrolyte and corrosion. To ensure that the remote control works correctly, proceed according to the instructions below:
- Do not insert the batteries in the wrong direction.
- Do not recharge, heat, open or short circuit the batteries.
- Do not throw batteries into a fire.
- Do not leave discharged batteries in the remote control.
- Do not combine various types of batteries or new and old batteries.
- If you will not be using the remote control for a long period of time, remove the batteries to prevent potential damage caused by a subsequent battery leakage.
- If the remote control is not working correctly or its operating range is reduced, change all batteries for new ones.
- If electrolyte leaks out from the batteries, have the remote control cleaned at an authorised service centre.

ATTENTION
To prevent a fire hazard or injury by electrical shock, do not expose this device to rain or humidity.
Batteries must not be exposed to excessive heat, for example sunlight, fire, etc.

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Supplement to the LCD TV user's manual

Measures to take when a static image is displayed; red/blue/green pixels on the screen

A static image can permanently damage the display part of the television

- Do not leave a static image on an LCD screen for longer than 2 hours, because this could damage the screen. This type of damage is known as "screen burn-in".
- Similar damage to the LCD screen can be caused by a statically located TV channel logo.
- Watching television in 4:3, 16:9 formats or similar (formats not covering the entire area of the screen) for a long time may leave marks on the right or left side, or possibly in the middle of the picture as a result of the differences in light emission. Similar damage may also occur when watching a DVD or playing games.
- The display of a static image from video games or computers for an extended period of time may cause a partial effect of a "persistent image". To prevent this effect from occurring, lower the brightness and contrast when displaying a static picture. Damage to the screen resulting from the above mentioned causes is not covered by the warranty!

Red/blue/green/black pixels may appear on the screen

- This is a characteristic feature of liquid crystal displays and does not represent a problem. LCD screens are manufactured using a very precise technology in order to achieve a very fine picture resolution. From time to time several inactive pixels may appear on the screen as a permanently red, blue, green or black pixel (up to 0.001% of the total number of pixels on the screen). This does not in any way affect the features and performance of your television.

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Notes on the USB connector:

USB memory devices must be inserted into the device directly. To prevent data transmission failure or its interference, do not use USB extension cables. Electrostatic discharges may cause the device to malfunction. In such an event the user must restart the device.

Before using a USB memory device, test its ability to communicate with the device and its data reading and writing speed.

To achieve maximum reading speed we recommend that you keep disk space defragmented. Use the FAT32 file system, a single partition, without protection. If reading and writing on the USB memory device is not continuous, undesirable effects may occur such as partial image loss (distortions/checkering effects) or complete image loss, audio defects, and in extreme cases the operation will be stopped. Unexpected behaviour of the connected memory device, or the presence of viruses or other damaging software may cause the functions of the device to stop working, necessitating a restart.

The USB connector is the standard type and is not able to power a USB device with a high power usage (e.g. hard disk drives HDD). Use devices with independent power supplies and power them from their own power supplies.

The device was designed to achieve maximum compatibility with memory devices. With respect to the variety of devices on the market it is not possible to guarantee compatibility with every USB device. In the event of difficulties try formatting the memory device directly in the device. If problems persist, use a different memory device.

Due to the wide range of SD/MMC/MS cards/USB devices available on the market it is not possible to guarantee the compatibility of the device with all SD/MMC/MS cards/USB devices.

Serial number of the device

The serial number of the device is unique and unequivocally identifies your device. Enter the serial number of your device together with other details necessary for the definite identification of your device below.

Serial number: _____

Date of purchase: _____

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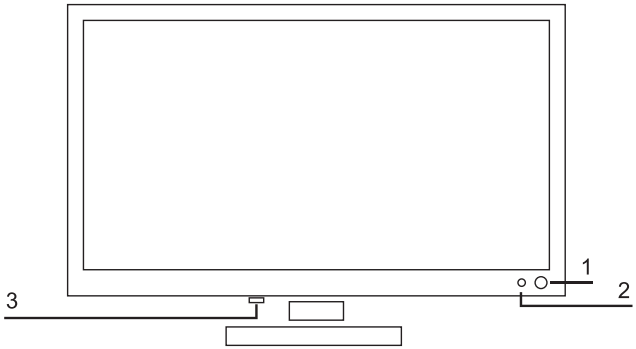
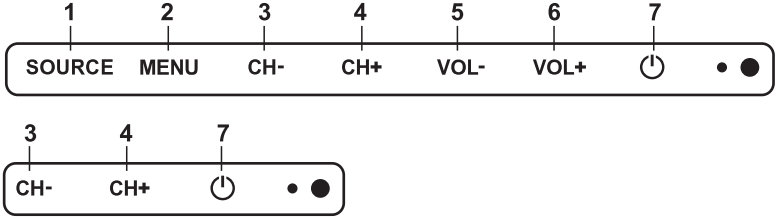
1. Description of the device

Front panel



1. Remote control sensor
2. Indicator (it is lit red in the stand-by mode and lit green during normal operation)
3. Mains power switch

Television control panel



1. **SOURCE** button – Select a input source
2. **MENU** button – Enter a menu or exit it
3. **CH-** button – Previous channel number
4. **CH+** button – Next channel number
5. **VOL-** button – Reduce the volume
6. **VOL+** button – Increase the volume
7. ⏻ button – Switch between the stand-by and the On mode

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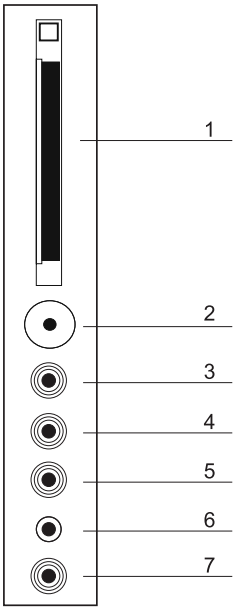
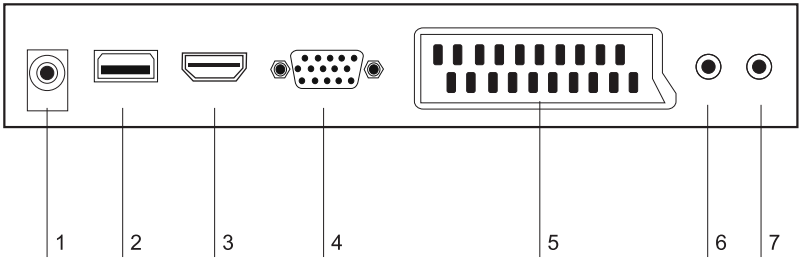
Side panel



1. CI connector
2. TV signal input connector
3. Right CVBS/S-Video audio input connector
4. Left CVBS/S-Video audio input connector
5. CVBS input connector
6. Component input connector
7. Coaxial input connector

Rear panel



1. 12 V DC power supply input connector
2. USB connector
3. HDMI input connector
4. PC VGA input connector
5. SCART connector
6. PC audio input connector
7. Audio headphone jack

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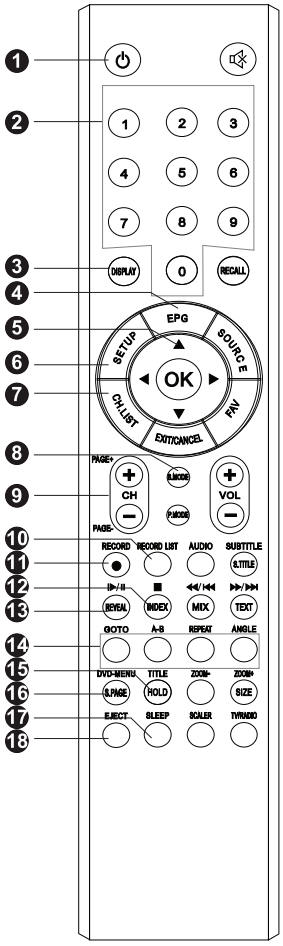
2. Remote control



1. **⏻ button**
   Turns the television on from the stand-by mode.
2. **Numerical buttons 0-9**
   Press 0-9 to directly select a TV channel in ATV and DTV mode.
   In the DTV mode* it serves to select numerical items in a menu.
3. **DISPLAY button**
   Press to display information about the current channel such as the current time and the name of the channel (ATV/DTV).
   Press to show information about the disc (DVD mode*).
4. **EPG button**
   Press to show EPG (Electronic Program Guide) (DTV mode).
5. **◀/▲/▼/▶ buttons**
   Used for navigating in a menu on the screen and for setting up the television according to your preferences.
6. **SETUP button**
   Press to show the OSD menu.
7. **CH.LIST button**
   Press to show a list of channels (ATV/DTV mode).
8. **S.MODE button**
   Press to show the audio mode.
9. **CH +/- buttons**
   Press to switch between individual channels.
   PAGE +/- buttons
   Serves to skip to the next/previous page in teletext (ATV mode).
   Serves to zoom in/out of a displayed picture (USB mode).
10. **RECORD LIST button**
    Serves to open the list of recordings.
11. **RECORD button**
    Serves to start recording on to a USB device (DTV mode).
12. **INDEX button**
    Call up a teletext content page (ATV mode).
    ■ (Stop)
    Serves to stop playback or recording (USB/DVD modes*).

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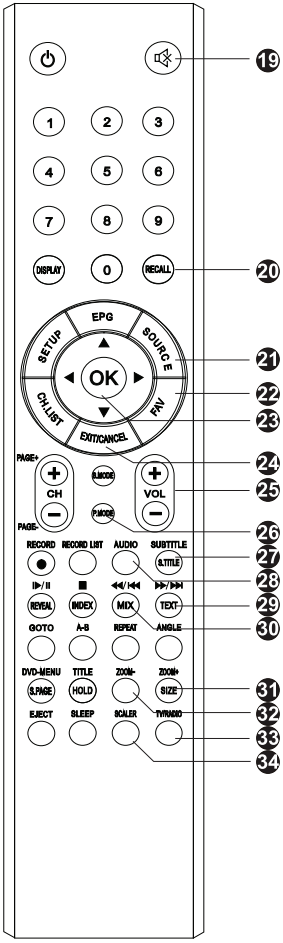

13. **TEXT button**
    Turns teletext on or off (ATV/DTV mode).
    I►/II
    Starts/pauses playback (USB/DVD modes)
    Time shift function (Time shift)(DTV modes).
14. **Coloured buttons**
    Serves to perform various functions in teletext or adjusting channels in ATV/DTV mode.
    GOTO button (RED)
    Skip to a determined time location while playing a DVD/CD (DVD mode*).
    A-B button (GREEN)
    Repeat playback of a selected segment designated by points A and B (DVD mode*).
    REPEAT button (YELLOW)
    Select between various type of repeated playback (DVD mode*).
    ANGLE button (BLUE)
    Select various display angles of a video (DVD mode*).
15. **HOLD button**
    Holding the current display in teletext (ATV mode).
    TITLE
    Serves to display the contents of a DVD title (DVD mode*).
16. **S.PAGE button**
    Serves to display a subpage in teletext (ATV mode).
    DVD-MENU
    Serves to display the DVD menu (DVD mode*).
17. **SLEEP button**
    Serves to set the TV sleep timer.
18. **EJECT button**
    Serves to eject the DVD disc (DVD mode*).
19. **MUTE button**
    Serves to immediately silence the system and to renew the TV volume.
20. **RECALL button**
    Serves to switch to the previous last watched channel (ATV/DTV mode).
21. **SOURCE button**
    Serves to select an input signal source.
22. **FAV button**
    Serves to display a list of favourite channels (ATV/DTV mode).

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23. **OK button**
    Serves to confirm a selection.
24. **EXIT/CANCEL button**
    Serves to exit from a menu or to cancel a performed action.
25. **VOL+/- buttons**
    Serve to set the volume.
26. **P.MODE button**
    Serves to select a picture mode.
27. **S.TITLE button**
    Serves to select subtitles, which are broadcast together with the program (DTV mode).
    SUBTITLE
    Serves to select subtitles in DVB mode (*).
28. **AUDIO button**
    Serves to switch between audio languages (available only if the TV program/ disc support this function) (DTV/DVD modes).
29. **REVEAL button**
    Serves to reveal hidden information such as answers to a quiz in teletext (ATV mode).
    ▶▶/▶▶|
    Serves to fast forward (DVD/Media modes*).
    Hold it down for approx. 3 seconds to skip to the next chapter/track/image (DVD/Media modes*).
30. **MIX button**
    Serves to combine teletext with a TV program (ATV mode).
    ◀◀/|◀◀
    Serves to fast rewind (DVD/Media modes*).
    Hold it down for approx. 3 seconds to skip to the previous chapter/track/image (DVD/Media modes*).
31. **SIZE button**
    Serves to increase the TV picture in teletext (ATV mode).
    ZOOM+
    Serves to zoom in on a displayed picture (DVD mode*).
32. **ZOOM- button**
    Serves to zoom out of a displayed picture (DVD mode*).
33. **TV/RADIO button**
    Serves to switch between TV and RADIO modes (DTV mode).
34. **SCALER button**
    Serves to watch the picture in various formats.

* Only on models with a DVD player.

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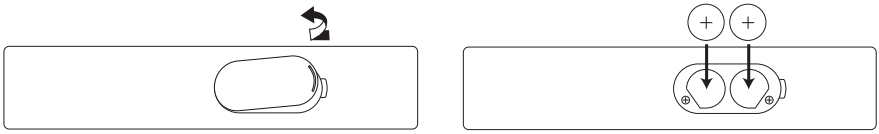
Note:
Remove the batteries if you will be storing the device or not using it for an extended period of time.

- To control the device using the remote control, point the remote control at the device and then press the button with the required function. The effective range of the remote control is up to about 5 meters with a maximum deviation of +/- 30° from the perpendicular direction to the reception sensor of the remote control on the front side of the device. The falling capacity of the batteries gradually reduces the remote control range. There must be no solid obstacles in the area between the remote control and the device when the remote control is being used.
- During standard use the lifetime of batteries in the remote control is about 1 year. When the effective range of the remote control is substantially reduced or when there are problems with its use, change both the batteries in the remote control. If you will not be using the remote control for a longer period of time, take out both batteries - in this way you will prevent potential damage caused by their leakage.
- Prevent strong light from falling on the device, (e.g. sunlight or strong fluorescent lamps or ecological light bulbs), which could reduce the effectiveness and reliability of the infrared remote control.

Battery Installation
Remove the battery compartment cover. Insert two type CR2025 (3 V) batteries as shown on the picture below. Ensure that the batteries have the correct polarity when inserting them. Return the cover back to its place.



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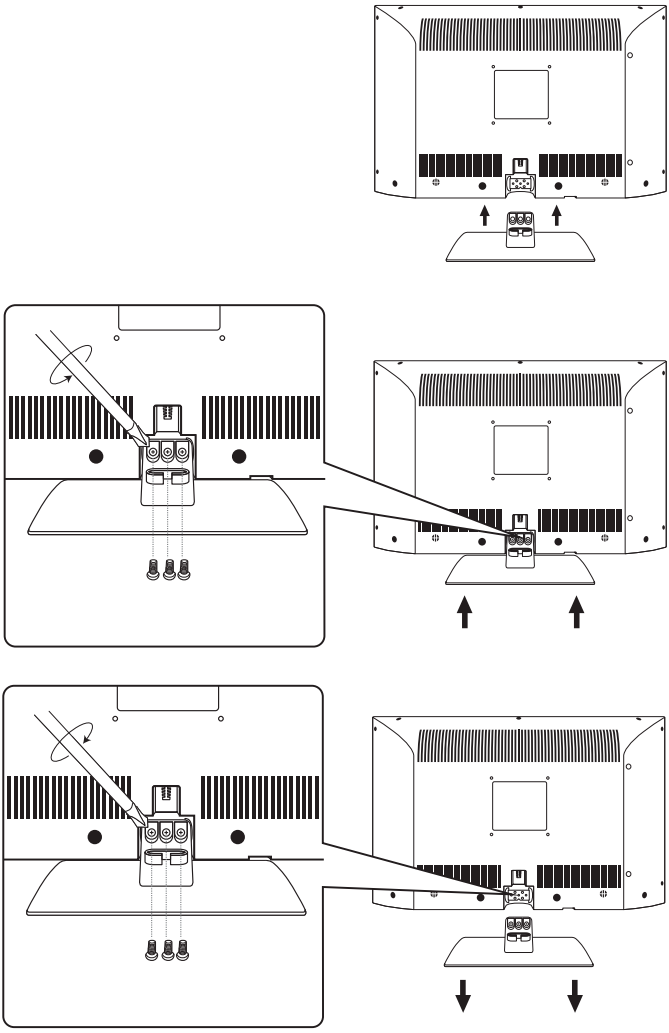
3. Before using

3.1. Installation of a TV stand



ATTENTION
When installing the TV stand, place the TV screen on a soft surface so as to prevent damaging the surface of the device.

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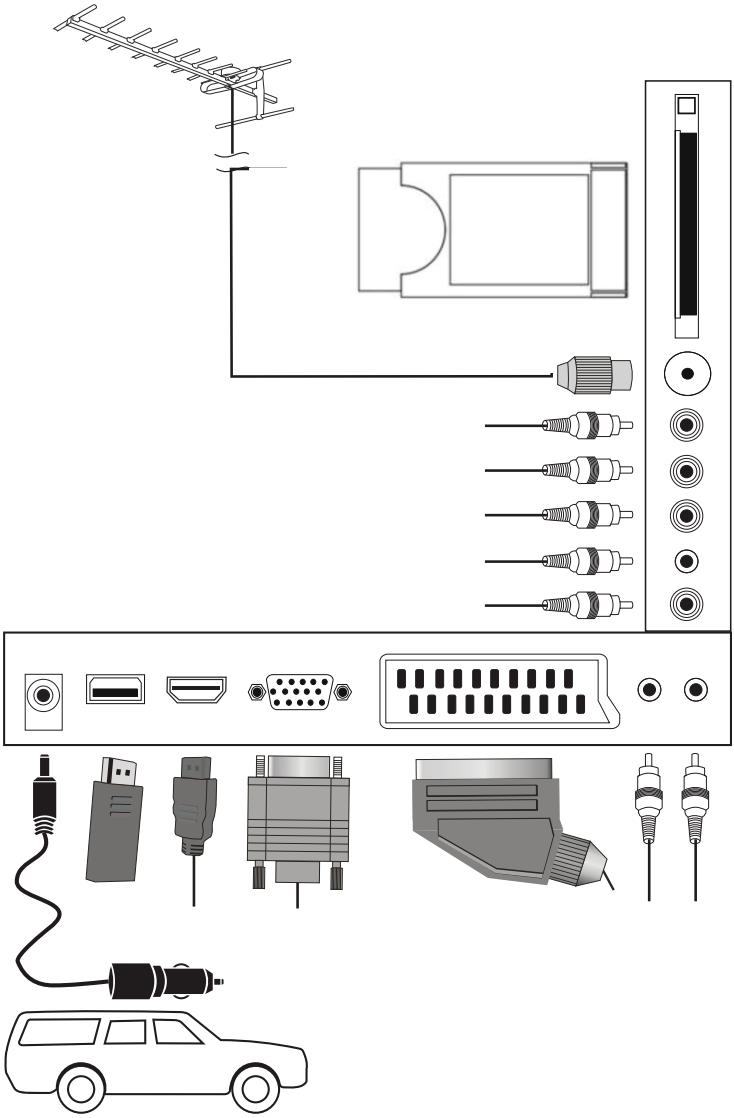
3.2. Wiring diagram



Note:
You should connect all the necessary cables BEFORE connecting the power cord.

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4. Basic controls

4.1. Turning on

As soon as the device is placed/attached in a suitable location, on a table or on a wall, and all the necessary cables have been connected, including the power cord, do the following. Press the ⏻ button on the remote control to turn on the power to the television, its LED indicator will be lit green. Now you can use the many functions of your new television.

4.2. Selecting an input source

Press the **SOURCE** button to show the input source list.
Use the ▲/▼ buttons to select the desired input source.
Press the **OK** button or ▶ to confirm the input source.

Note:
The grey items shown on pictures here may not be activate for a given model or are explained in a different part of this user's manual.

Press the **SETUP** button to show the main OSD menu.
Use the ▲/▼ buttons to select the desired menu.
Press the **OK** or ▶ button to enter the submenu. Use the ◀ button to return back to the previous menu.
Use the ▲/▼ buttons to select an option and then press the **OK** button or ▶ to enter the submenu, use the ◀/▶ buttons to set a value or the ▲/▼ buttons to select a submenu.
Press the **SETUP** button to save and return back to the previous menu and press the **EXIT** button to completely exit the menu.

Press the **DISPLAY** button on the remote control to display information about the broadcast channel.

1. Current source.
2. Current channel number.
3. NICAM mode of the current channel.
4. The audio system of the current channel – can be changed in the manual analogue search menu.

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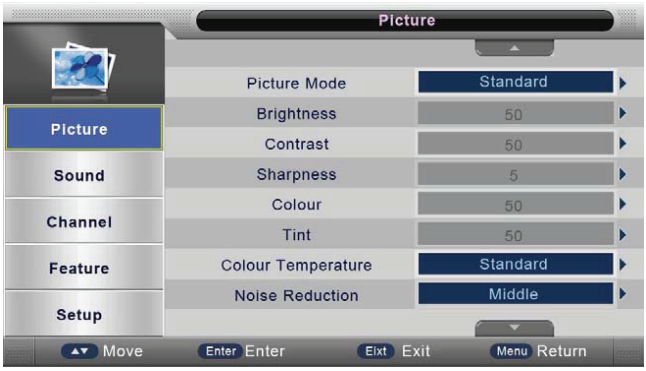
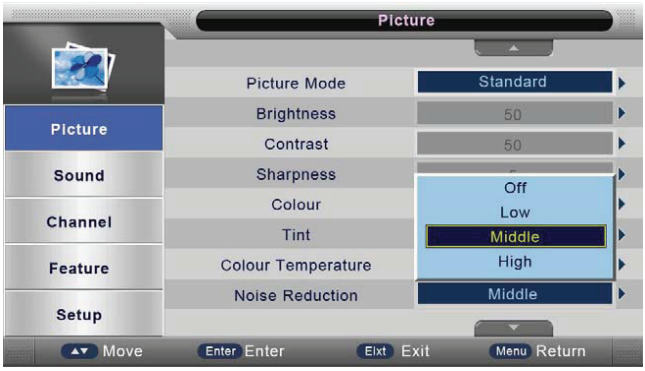
4.3. Picture Menu

Press **SETUP** to display the main menu.
Use the ▲/▼ buttons to select **Picture** and enter the menu using the **OK** or ▶ button.



1. Press ▲/▼ to select the desired item which you wish to adjust and enter the menu by pressing the **OK** or ▶ button.
2. Use the ◀/▶ buttons to set the value, or use the ▲/▼ buttons to select another submenu. And enter the menu using the **OK** or ▶ button.
3. After completing setup, press the **SETUP** button to save and return to the previous menu or press the **EXIT** button to completely exit the menu.



4.1.3. Picture Mode

Use the ▲/▼ buttons to select the item **Picture Mode** and enter the menu using the **OK** or ▶ button and select a mode using the ◀/▶ buttons. (In the menu there are the following modes: User, Standard, Vivid, Soft, Optimal.

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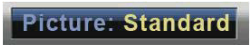
The items Brightness/Contrast/Sharpness/Color can only be changed in the User mode.

Note:
Repeatedly press the **P.MODE** button on the remote control to directly change the picture mode.



4.2.3. Brightness

Use the ▲/▼ buttons to select the option **Brightness**, then enter the menu using the **OK** or ▶ button and perform the settings using the ◀/▶ buttons. Press the **SETUP** button to directly return to the previous menu.

4.3.3. Contrast

Use the ▲/▼ buttons to select the option **Contrast**, then enter the menu using the **OK** or ▶ button and perform the settings using the ◀/▶ buttons. Press the **SETUP** button to directly return to the previous menu.

4.3.4. Sharpness

Use the ▲/▼ buttons to select the option **Sharpness**, then enter the menu using the **OK** or ▶ button and perform the settings using the ◀/▶ buttons. Press the **SETUP** button to directly return to the previous menu.

4.3.5. Colour

Use the ▲/▼ buttons to select the option **Colour**, then enter the menu using the **OK** or ▶ button and perform the settings using the ◀/▶ buttons. Press the **SETUP** button to directly return to the previous menu.

4.3.6. Tint

Use the ▲/▼ buttons to select the option **Tint**, then enter the menu using the **OK** or ▶ button and perform the settings using the ◀/▶ buttons. Press the **SETUP** button to directly return to the previous menu.

4.3.7. Colour Temperature

Use the ▲/▼ buttons to select the option **Colour Temperature**, then enter the menu using the **OK** or ▶ button and then using the ◀/▶ buttons, select between Standard, Cool or Warm.

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4.3.8. Noise Reduction

Use the ▲/▼ buttons to select the option **Noise Reduction**, then enter the menu using the **OK** or ▶ button and then using the ◀/▶ buttons, select between Off, Low, Middle or High.

4.3.9. Reset

Use the ▲/▼ buttons to select the option **Reset**, then enter the menu using the **OK** button or use the ▶ button to confirm and then select **OK** to reset the values.

4.4. Sound Menu

Press **SETUP** to display the main menu.
Use the ▲/▼ buttons to select **Sound** and enter the menu using the **OK** or ▶ button.

1. Press ▲/▼ to select the desired item which you wish to adjust and enter the menu by pressing the **OK** or ▶ button.
2. Use the ◀/▶ buttons to set the value, or use the ▲/▼ buttons to select another submenu. And enter the menu using the **OK** or ▲ button.
3. After completing setup, press the **SETUP** button to save and return to the previous menu or press the **EXIT** button to completely exit the menu.

4.4.1 Sound Mode

Use the ▲/▼ buttons to select **Sound Mode** and enter the menu using the **OK** or ▶ button. Then use the ▲/▼ buttons to select a sound mode. (The following option are available: User, Standard, Movie, Music, Speech).
The items Bass, Treble, Balance and Equaliser can only be changed in the User mode.

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Note:
Repeatedly press the **S.MODE** button on the remote control to directly change the sound mode.

4.4.2. Bass

Use the ▲/▼ buttons to select the option **Bass**, then use the **OK** or ▶ button to enter the submenu and set the value using the ◀/▶ buttons. Press the **SETUP** button to directly return to the previous menu.

4.4.3. Balance

Use the ▲/▼ buttons to select the option **Balance**, then use the **OK** or ▶ button to enter the submenu and set the value using the ◀/▶ buttons. Press the **SETUP** button to directly return to the previous menu.

4.4.4. Treble

Use the ▲/▼ buttons to select the option **Treble**, then use the **OK** or ▶ button to enter the submenu and set the value using the ◀/▶ buttons. Press the **SETUP** button to directly return to the previous menu.

4.4.5. EQ

Use the ▲/▼ buttons to select the option **EQ**, then use the **OK** or ▶ button to enter the submenu and using the ◀/▶ buttons select from the equaliser modes: EQ100HZ, EQ300HZ, EQ1KHZ, EQ3KHZ, EQ8KHZ). Then use the **OK** or ▶ button to enter the submenu and select the value using the ◀/▶ buttons. Then press the **SETUP** button to directly return to the previous menu.

4.4.6. Surround (Surround sound)

Use the ▲/▼ buttons to select the option **Surround**, then use the **OK** or ▶ button to enter the submenu and using the ◀/▶ buttons select On or Off.

4.4.7. AVL (Automatic volume limiter)

Use the ▲/▼ buttons to select the option **AVL (Automatic volume limiter)**, then use the **OK** or ▶ button to enter the submenu and using the ◀/▶ buttons select On or Off.

4.4.8. Reset

Use the ▲/▼ buttons to select the option **Reset**, then enter the menu using the **OK** button or use the ▶ button to confirm and then select **OK** to reset the values.

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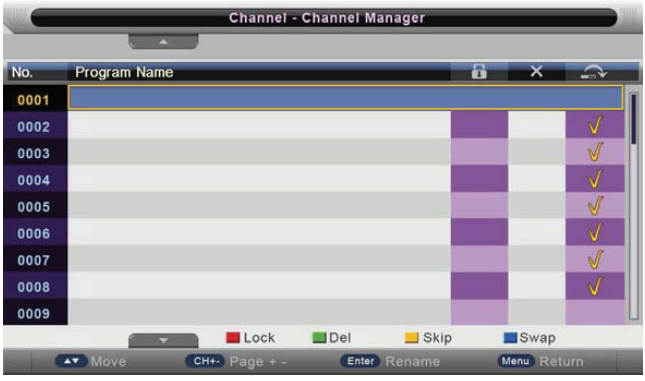
4.5. Channel Menu

Press **SETUP** to display the main menu.
Use the ▲/▼ buttons to select **Channel** and enter the menu using the **OK** or ▶ button.

1. Press ▲/▼ to select the desired item which you wish to adjust and enter the menu by pressing the **OK** or ▶ button.
2. Use the ▲/▼ buttons to select an item and enter the submenu using the **OK** or ▶ button.
3. After completing setup, press the **SETUP** button to save and return to the previous menu or press the **EXIT** button to completely exit the menu.

4.1.5. Channel Management

Use the ▲/▼ buttons to select the item **Channel Management** and then use the **OK** or ▶ button to enter the submenu.



Press the **RED** button to set a lock for the current channel; if a lock is already set for the current channel, press the button again to deactivate the lock.

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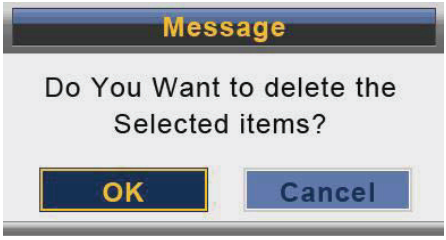
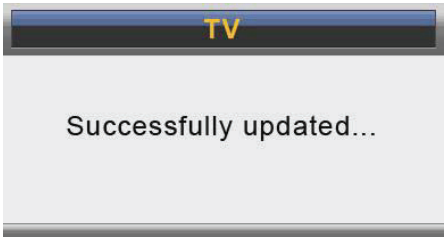
Press the **GREEN** button to delete the current channel; if the current channel is already deleted, press this button again to cancel the deletion.
Press the **YELLOW** button to set skip for the current channel; if a skip is already set for the current channel, press the button again to deactivate the skip.
Press the **BLUE** button to move a channel.
If any of the channels was incorrectly located in the list, you can move it to the existing position using the ▲/▼ buttons. Select a channel that you wish to move. Press the **BLUE** button and move it to a new position and pres the **OK** or **Blue** button. This will confirm the move to the new position. If the delete channel logo appears, press the **SETUP** or **OK** button and the following menu will appear:



Use the ▼ button to select **OK**, use the ▶ to select cancel, use the **OK** button to confirm.



Use the ▲/▼ buttons to select a channel, then press the **OK** button to enter the rename channel menu.

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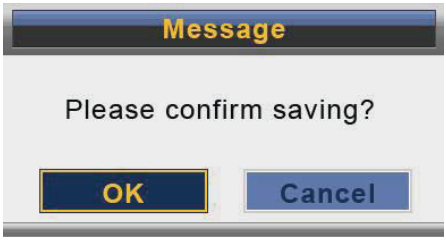
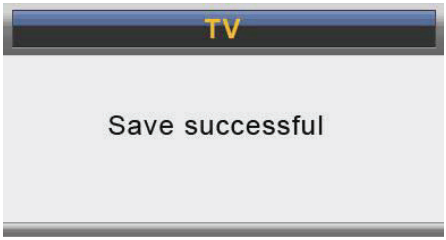
Press the **RED** button to insert a space.
Press the **GREEN** button to change the mode.
Use the ▲/▼ or ◀/▶ buttons to select a character and confirm using the **OK** button.
Press the **YELLOW** button to delete a character.
Press the **BLUE** button to save the changes and to return to the previous page.
Press the **EXIT** button and the following screen will appear:



To completely exit the menu, select "Cancel", but the changes will not be saved.
To successfully save, select "OK" and the following screen will appear informing you about the successful save.



4.5.2. Favorite Manager

Use the ▲/▼ buttons to select the item **Favorite Manager** and then use the **OK** or ▶ button to enter the submenu.

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Use the ▲/▼ buttons to select Channel and use the **RED** button to select Fav1.
Use the ▲/▼ buttons to select Channel and use the **GREEN** button to select Fav2.
Use the ▲/▼ buttons to select Channel and use the **YELLOW** button to select Fav3.
Use the ▲/▼ buttons to select Channel and use the **BLUE** button to select Fav4.
If the selected channel is already included in the favourites list, press the **RED, GREEN, YELLOW** or **BLUE** button again to cancel its favourite status.
Press the **MENU** or **EXIT** button and the modified menu will be shown.

4.5.3. Country

Use the **OK** or ▶ button to enter the submenu, then use the ▲/▼ buttons to select the appropriate country of installation and confirm using the **OK** or ▶ button.

4.5.4. Auto Search

Use the ▲/▼ buttons to select the item **Auto Search** and then use the **OK** or ▶ button to enter the submenu. (If the lock has been set, you will be asked to enter a password "0000".)

Use the ▲/▼ buttons to select from **All**, **Digital**, **Analogue**, and then use the **OK** or ▶ button to enter the submenu.

Select "OK" and press the **OK** button to start the automatic search, otherwise select "Cancel" to return to the previous page. After several seconds, the following screen will be shown:

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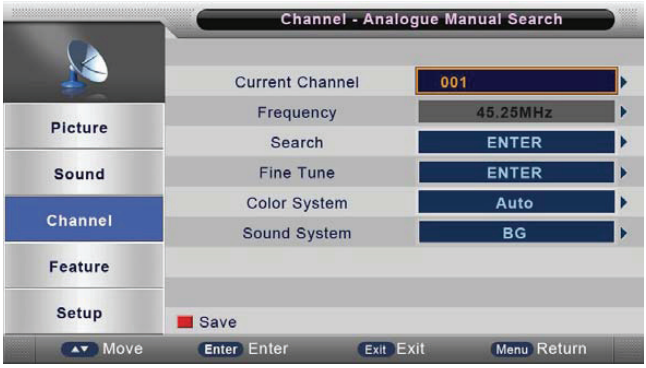
As soon as the automatically search is finished, a message screen will appear after a few seconds confirming that the found channels have been saved.

4.5.5. Analogue Manual Search

Use the ▲/▼ buttons to select the item **Analogue Manual Search** and then use the **OK** or ▶ button to enter the submenu. (If the lock has been set, you will be asked to enter a password "0000".)



4.5.6. Current Channel

Use the **OK** or ▶ button to enter the menu, then use the ▲/▼ buttons to select the item **Current Channel**.
Use the ▲/▼ buttons to select the current channel and then use the **OK** or ▶ button to confirm.

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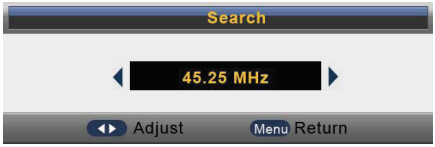
4.5.7. Search

Use the ▲/▼ buttons to select the item **Search** and then use the **OK** or ▶ button to enter the submenu. The following screen will appear and then use the ◀/▶ buttons to search for a channel.



4.5.8. Color System

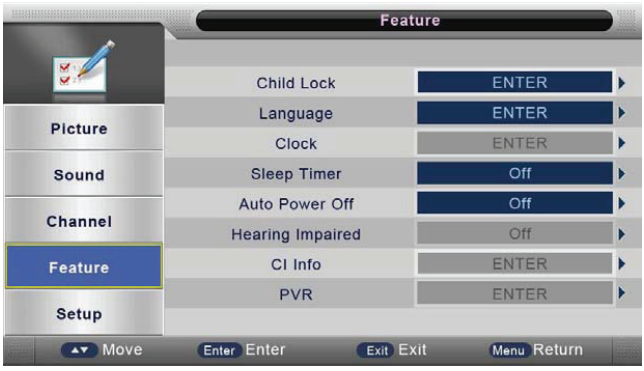
Use the ▲/▼ buttons to select the item **Color System** and then use the **OK** or ▶ button to enter the submenu.
Use the ▲/▼ buttons to choose from **Auto/PAL/SECAM**, the use the **OK** or ▶ button to confirm.

4.5.9. Sound System

Use the ▲/▼ buttons to select the item **Sound System** and then use the **OK** or ▶ button to enter the submenu.
Use the ▲/▼ buttons to choose from **BG, DK, I, L, L'** and the use the **OK** or ▶ button to confirm.

4.6. Feature Menu

Press the **SETUP** button to display the main menu.
Use the ▲/▼ buttons to select **Feature** in the main menu, then use the **OK** or ▶ button to enter the menu.



1. Press ▲/▼ to select the desired item which you wish to adjust and enter the menu by pressing the **OK** or ▶ button.
2. Use the ◀/▶ buttons to select an item, or use the ▲/▼ buttons to select another item.
3. After completing setup, press the **SETUP** button to save and return to the previous menu or press the **EXIT** button to completely exit the menu.

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4.6.1. Child Lock

Use the ▲/▼ buttons to select the item **Child lock** and then use the **OK** or ▶ button to enter the submenu. (Enter the default password "0000".)

Keypad Lock

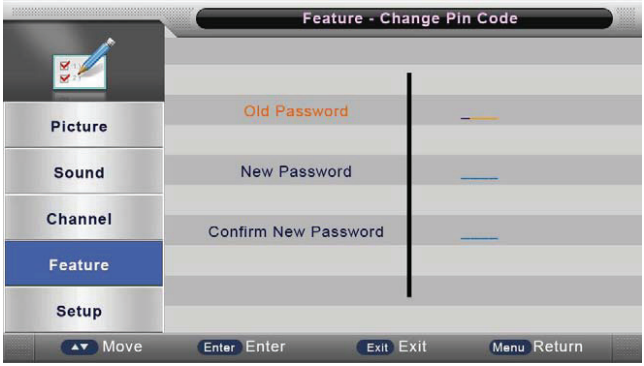
Use the ▲/▼ buttons to select the item **Keypad lock** and then use the **OK** or ▶ button to enter the submenu. Use the ▲/▼ buttons to select On or Off. (Enter the default password "0000".) Then press the **OK** or ▶ button to confirm.

Parental Lock

Use the ▲/▼ buttons to select the item **Parental lock** and then use the **OK** or ▶ button to enter the submenu. Use the ▲/▼ buttons to select a rating (from 4-18, or Off). Then press the **OK** or ▶ button to confirm.

Change Pin Code

Use the ▲/▼ buttons to select the item **Change Pin Code**, then use the **OK** or ▶ buttons to enter the menu and in the change pin code menu the following screen will appear:



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Into the field "Old Password" enter the old password. If the password is incorrect, you will not be able to change the password.
Into the field "New password" enter the new password.
Into the field "Confirm New Password" enter the new password again. If both the new passwords are entered correctly, a screen will appear with a message about the new password being successfully saved, otherwise the system will display a message that the passwords were entered incorrectly.

4.6.2. Language

Use the ▲/▼ buttons to select the item **Language** and then press the **OK** or ▶ button to enter the submenu.

OSD Language
Use the ▲/▼ buttons to select the item **OSD Language** and then use the **OK** or ▶ button to enter the submenu. Use the ▲/▼ buttons to select a language. Then press the **OK** or ▶ button to confirm.

Preferred Subtitle
Use the ▲/▼ buttons to select the item **Preferred Subtitle** and then use the **OK** or ▶ button to enter the submenu. Use the ▲/▼ buttons to select a language. Then press the **OK** or ▶ button to confirm.

Digital Teletext Language
Use the ▲/▼ buttons to select the item **Digital Teletext Language** and then use the **OK** or ▶ button to enter the submenu. Use the ▲/▼ buttons to select a language. Then press the **OK** or ▶ button to confirm.

Analogue Teletext Language
Use the ▲/▼ buttons to select the item **Analogue Teletext Language** and then use the **OK** or ▶ button to enter the submenu. Use the ▲/▼ buttons to select a language. Then press the **OK** or ▶ button to confirm.

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4.6.3. Sleep timer

Use the ▲/▼ buttons to select the item **Sleep timer** and then use the **OK** or ▶ button to enter the submenu. Use the ▲/▼ buttons to set the time. Then press the **OK** or ▶ button to confirm.

4.6.4. Auto Power Off

Use the ▲/▼ buttons to select the item **Auto Power Off** and then use the **OK** or ▶ buttons to enter the submenu. Use the ▲/▼ buttons to set the time. Then press the **OK** or ▶ button to confirm.

4.7. Setup Menu

Press the **SETUP** button to display the main menu.
Use the ▲/▼ buttons to select **Setup** in the main menu, then use the **OK** or ▶ button to enter the menu.

1. Press ▲/▼ to select the desired item which you wish to adjust and enter the menu by pressing the **OK** or ▶ button.
2. Use the ◀/▶ buttons to select an item, or use the ▲/▼ buttons to select another item.
3. After completing setup, press the **SETUP** button to save and return to the previous menu or press the **EXIT** button to completely exit the menu.

4.7.1. OSD Timer

Use the ▲/▼ buttons to select the item **OSD Timer** and then use the **OK** or ▶ button to enter the submenu. Use the ▲/▼ buttons to set the time. 5 seconds, 10 seconds, 15 seconds, 20 seconds, 25 seconds, 30 seconds, never. Then press the **OK** or ▶ button to confirm.

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4.7.2. Auto SCART

Use the ▲/▼ buttons to select the item **Auto SCART** and then use the **OK** or ▶ buttons to enter the submenu. Use the ▶/ button to select On (On) or Off (Off). Then press the **OK** or ▶ button to confirm.

4.7.3. PC Setup

Use the ▲/▼ buttons to select the item **PC Setup** and then use the **OK** or ▶ buttons to enter the submenu. Use the ▶ button to enter. Then press the **OK** or ▶ button to confirm (if the PC signal is available).

4.7.4. HDMI Mode

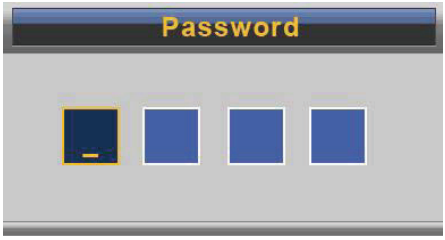
Use the ▲/▼ buttons to select the item **HDMI Mode** and then use the **OK** or ▶ buttons to enter the submenu. Use the ▶ button to select from: Auto, PC, Video. Then press the **OK** or ▶ button to confirm (if the PC signal is available).

4.7.5. Blue Screen

Use the ▲/▼ buttons to select the item **Blue Screen** and then use the **OK** or ▶ buttons to enter the submenu. Use the ▲/▼ buttons to select On or Off. Then press the **OK** or ▶ button to confirm.

4.7.6. Reset TV Setting

Use the ▲/▼ buttons to select the item **Reset TV Setting** and then use the **OK** or ▶ button to enter the submenu. A request for the entry of a password will appear if the child lock is activated.



Use the cursor to enter the password "0000".
The following screen will appear.

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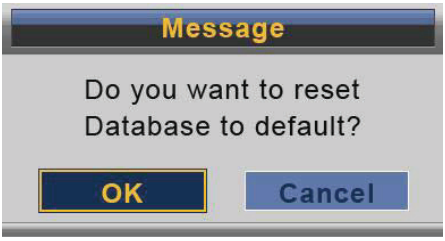
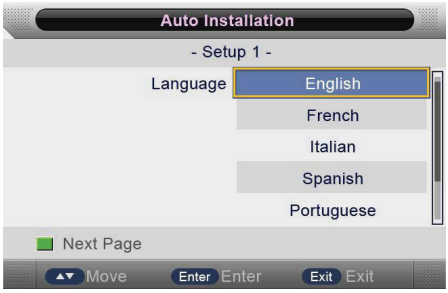


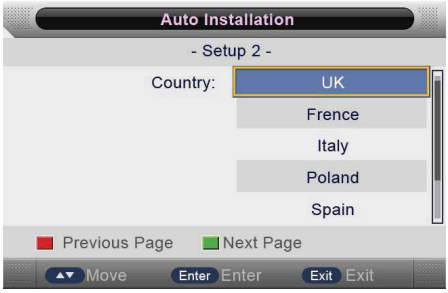
Select "Cancel" to return to the previous menu and press **OK**.
Select "OK" and press the **OK** button, shortly the reset menu will appear.
The screen with the initial settings will appear:

Press the **EXIT** button to completely exit the menu and ignore the subsequent settings.

Setup 1
Use the ▲/▼ buttons to select a language.
Press the **ENTER** button or the **GREEN** button to enter the setup 2 menu.



Setup 2
Use the ▲/▼ buttons to select the country of installation.
Press the **RED** button to return to setup 1.
Press the **ENTER** button or the **GREEN** button to enter the setup 3 menu.



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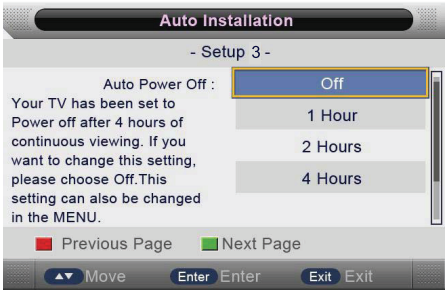
Setup 3

Use the ▲/▼ buttons to select the installation location.
Press the **RED** button to return to setup 2.
Press the **ENTER** button or the **GREEN** button to enter the setup 4 menu.

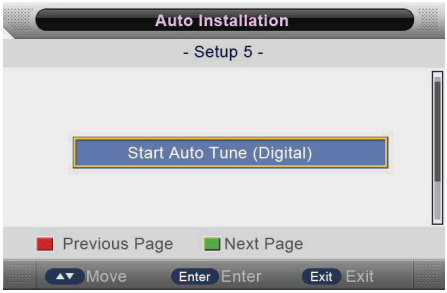


Setup 4

Use the ▲/▼ buttons to select automatic shut off.
Press the **RED** button to return to setup 3.
Press the **ENTER** button or the **GREEN** button to enter the setup 5 menu.

Setup 5

Press the **RED** button to return to setup 4.
Press the **OK** button to enter the automatic search menu (DTV) and the following screen will appear:



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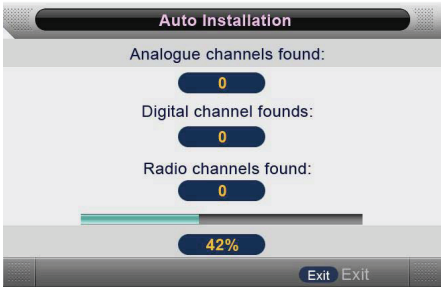
Press the **SETUP** button to enter the automatic search (DTV) and you will enter setup 6.

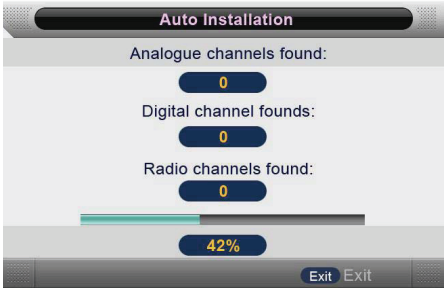


Setup 6

Press the **RED** button to return to setup 5.

Press the **OK** button to enter the automatic search menu (ATV) and the following screen will appear:

Press the **SETUP** button to enter the automatic search (ATV) and you will enter setup 6.



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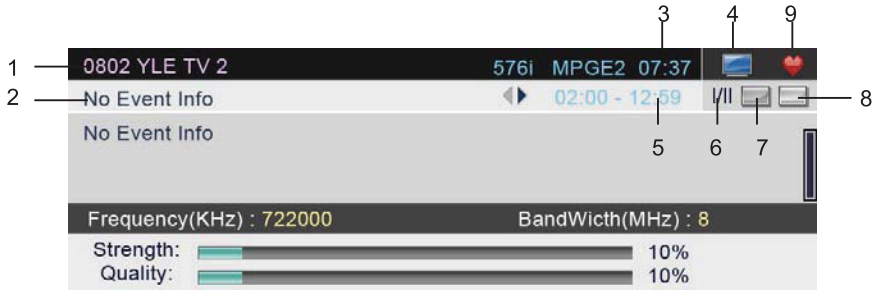
5. DTV

Press the **DISPLAY** button on the remote control to display information about channels.



1. Number and name of the channel being watched
2. Information about the program currently being broadcast
3. Current time
4. TV channel icon; if it is a radio station then it will be the radio station icon.
5. Start and end of broadcasting for the program being watched
6. Language icon
7. Text icon
8. Subtitle icon
9. Favourite channels icon

Notes:
The Picture Menu is the same as in the previous part of this user's manual.
The Sound Menu is the same as in the previous part of this user's manual.
The Setup Menu is the same as in the previous part of this user's manual.

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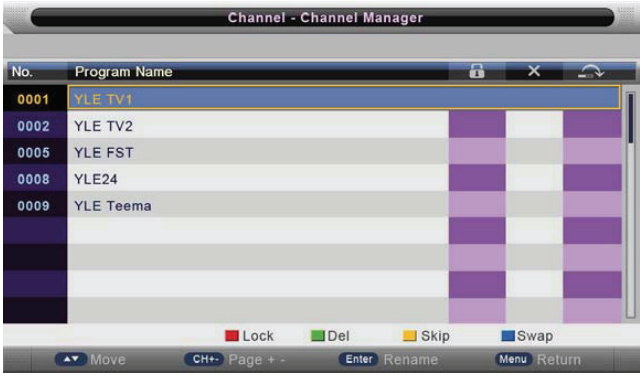
5.1. Channel Menu

Press the **SETUP** button to display the main menu.
Use the ▲/▼ buttons to select **Channel** in the main menu, then use the **OK** or ▶ button to enter the menu.

1. Press ▲/▼ to select the desired item which you wish to adjust and enter the menu by pressing the **OK** or ▶ button.
2. Use the ◀/▶ buttons to select an item, or use the ▲/▼ buttons to select another item.
3. After completing setup, press the **SETUP** button to save and return to the previous menu or press the **EXIT** button to completely exit the menu.

5.1.1. Channel Management

Use the ▲/▼ buttons to select the item **Channel Management** and then use the **OK** or ▶ button to enter the submenu.



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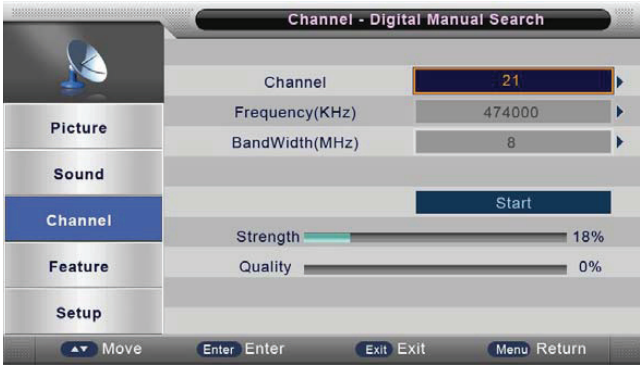
5.1.2. Digital Manual Search

Use the ▲/▼ buttons to select the item **Digital Manual Search** and then use the **OK** or ▶ button to enter the submenu. (If the lock has been set, you will be asked to enter a password "0000".)



Channel

Use the ▲/▼ buttons to select the item **Channel**, then use the **OK** or ▶ button to enter the submenu and use the ▲/▼ buttons to select a channel and then use the **OK** or ▶ button to confirm.

Start

Use the ▲/▼ buttons to select the item **Start** and then use the **OK** or ▶ button to enter the submenu. The following channel search screen will appear after a few seconds.

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5.2. Feature Menu

Press the **SETUP** button to display the main menu.
Use the ▲/▼ buttons to select **Feature** in the main menu, then use the **OK** or ▶ button to enter the menu.

1. Press ▲/▼ to select the desired item which you wish to adjust and enter the menu by pressing the **OK** or ▶ button.
2. Use the ◀/▶ buttons to select an item, or use the ▲/▼ buttons to select another item.
3. After completing setup, press the **SETUP** button to save and return to the previous menu or press the **EXIT** button to completely exit the menu.

5.2.1. PVR (Personal video recorder)

Use the ▲/▼ buttons to select the item **PVR (Personal video recorder)** and then use the **OK** or ▶ button to enter the submenu.

Record File Format
Use the ▲/▼ buttons to select the item **Record File Format** and then use the **OK** or ▶ button to enter the submenu. Subsequently use the ▲/▼ buttons to select "TS" or "PS" and confirm using the **OK** or ▶ button.

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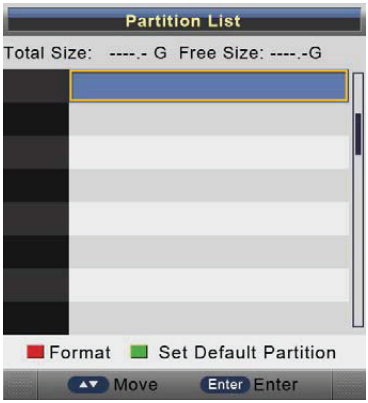
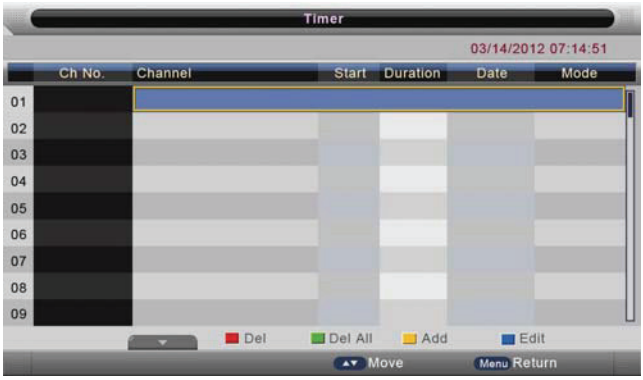
Partition Select

Use the ▲/▼ buttons to select the item **Partition Select** and then use the **OK** or ▶ button to enter the submenu. The following screen will appear:

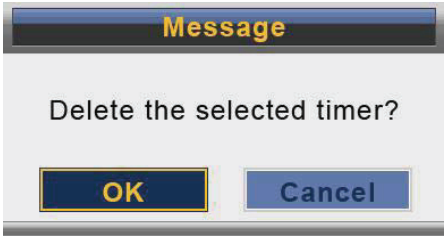


Timer

Use the ▲/▼ buttons to select the item **Timer** and then use the **OK** or ▶ button to enter the submenu. The following screen will appear:



Use the ▲/▼ buttons to select **Ch No (Channel number)**, the press the **RED** button to delete the selected channel and the following screen will appear:



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Select "Cancel" to go back and confirm with the **OK** button.
Select "OK" and confirm with the **OK** button to delete the selected channel from the timer list.
Press the **GREEN** button to delete all timers and the following screen will appear:

Select "Cancel" to go back and confirm with the **OK** button.
Select "OK" and confirm with the **OK** button to delete all the timers
Press the **YELLOW** button to add a timer to the list and the following screen will appear:

Recorder (if the PVR function is supported)
Use the ▲/▼ buttons to select **Recorder**, then use the **OK** or ▶ button to enter the submenu and use the ▲/▼ buttons to select Recorder (Recorder) or Reminder (Reminder). Press the **SETUP** button to save the settings and press the **EXIT** button to exit the menu.
Use the ▲/▼ buttons to select a channel that you wish to edit.
Press the **BLUE** button and the timer edit menu will appear.

Type
Use the ▲/▼ buttons to select the option **Type**, then use the **OK** or ▶ button to enter the submenu and using the ▲/▼ buttons select DTV or radio.

Program
Use the ▲/▼ buttons to select **Channel**, then use the **OK** or ▶ button to enter the submenu and use the ▲/▼ buttons to select the channel that you wish to add to the timer list.

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Start Time
Use the ▲/▼ buttons to select **Start Time**, then use the **OK** or ▶ buttons to enter the submenu and use the numerical buttons to enter the start time.

Duration
Use the ▲/▼ buttons to select **Duration**, then use the **OK** button to enter the submenu and use the numerical buttons to enter the duration.

Date
Use the ▲/▼ buttons to select **Date**, then use the **OK** button to enter the submenu and use the numerical buttons to enter the date.

Mode
Use the ▲/▼ buttons to select **Mode**, then use the **OK** or ▶ button to enter the submenu and use the ▲/▼ buttons to select Once, Daily, Weekly, Monthly.

Recorded List
Use the ▲/▼ buttons to select **Recorded List**, then use the **OK** or ▶ button to enter the submenu and the following screen will appear:

5.2.2. Hearing Impaired

Use the ▲/▼ buttons to select **Hearing Impaired**, the use the **OK** or ▶ button to enter the submenu and use the **OK** or ▲/▼ button to select On or Off. Confirm using the **OK** or ▶ button.

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5.2.3. CI Information

Use the ▲/▼ buttons to select **CI Information**, then use the **OK** or ▶ button to enter the submenu and the following screen will appear:

Press **OK** or ▶ to enter.

Notes:
This is only an example. Other CI modules may have different menus.
Other menus and descriptions are the same as in the preceding part of this user's manual.

5.3. Channel List

Press the **LIST** button on the remote control to display the channel list menu.

Use the ▲/▼ to select a channel that you wish to display and press the **OK** button.

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5.4. FAV List

Press the **FAV** button on the remote control to display the favourite channels list menu.

Use the ▲/▼ to select a channel that you wish to display and press the **OK** button.
Use the ◀/▶ buttons to switch between favourites groups – 1, 2, 3 and 4.

5.5. Subtitle

Press the **SUBTITLE** button on the remote control to display the subtitles menu and the following screens:

Use the ◀/▶ buttons to select Off, confirm using the **OK** button and the subtitles will not be displayed.
Use the ▲/▼ buttons to select ENG, confirm using the **OK** button and the subtitles will be displayed in English.
Press the **EXIT** button to exit the menu.

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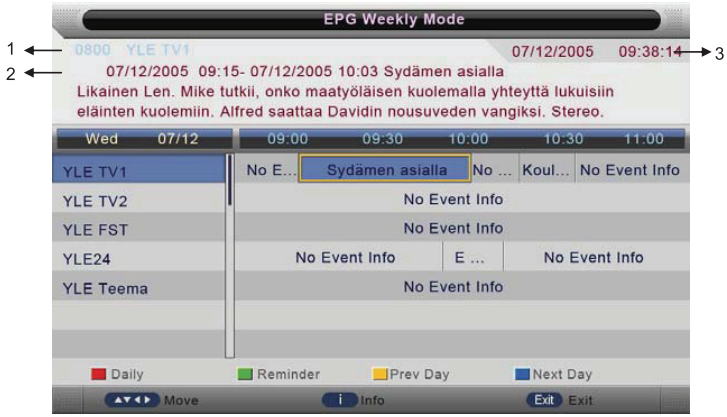
5.6. EPG (Electronic Program Guide)

Press the **EPG** button on the remote control to display the daily mode of the EPG menu.



1. Number and name of the channel being watched
2. Start and end of the program currently being watched and the name of the broadcast program
3. Current date and time

Use the ▲/▼ buttons to select a channel or program.
You can use the ◀/▶ buttons to switch between channels and programs.
You can use the **RED** button to switch between the weekly EPG mode and the daily EPG mode.

If you want to find out about programs that were broadcast in the past, press the **YELLOW** button.
If you want to find out about programs that will broadcast in the future, press the **BLUE** button.
For more information about the broadcast program, press the **INFO** button.
Press the **GREEN** button once to add a channel to the channel list .
Press the **GREEN** button twice to add a channel to the reminder list. A small reminder logo will be appear next to the program .
Press the **EPG** button again or the **EXIT** button to cancel the operation.
The channel will be marked as coded .

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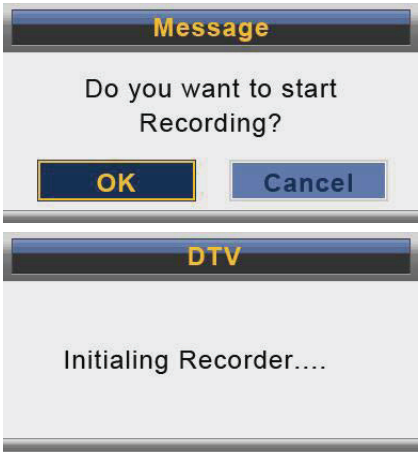
5.7. Multi-Audio

Press the **AUDIO** button on the remote control to display the multi-audio menu.

Use the ◀/▶ buttons to select the audio language format
Press the ● button on the remote control in the DTV mode.
If the speed of the device is insufficient, the following screen will appear:

It is necessary to change the speed of the device, or select **OK** to continue.
Press the □ button on the remote control to start recording, the following screen will appear:



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Select "Yes" (Yes) to start recording. The following screen will appear:

When recording, the following icon will be displayed: REC

Press the ● button on the remote control again to set the recording time.

Press the □ button on the remote control again to stop recording.

After finishing recording, select "Yes", to continue recording select "No".

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6. Teletext

The majority of TV stations provide free teletext information, including the latest news, weather information, TV programmes and stock market information, etc. You can only insert the teletext page based on the teletext content.

Displaying teletext
Select a channel with a teletext signal.
Press the **TEXT** button.
Select the appropriate page using the coloured buttons on the remote control.
Press **TEXT** again and the TV screen will appear.

Selecting a page
You can enter a 3-digit number to go to desired page using the numerical buttons.
If the entered number is invalid, you must enter the correct 3-digit number again as soon as you finish entering the numbers.
You can scroll pages forwards or backwards using the **PAGE+/-** buttons.

Mixed mode
This function makes it possible to watch TV and teletext at the same time.
When a certain teletext page is displayed, press the **TEXT** button again and the screen will display information about the TV and teletext at the same time
Press the **TEXT** button again and only the TV screen will be shown.

Lock
You can press the **HOLD** button to lock the teletext page. To cancel the page lock, press this button again.

Index
Press the **INDEX** page to display contents pages.
Enter a specific teletext page using the numerical buttons.

Zooming in teletext
If a teletext page is displayed, you can zoom in to double the size of this page.
Press the **SIZE** button to zoom into the top half of the teletext page.
Press the **SIZE** button again to zoom move to the bottom part of the teletext page.
Press this button once more to return to the original display.

Display mode
Press the **REVEAL** button to show hidden teletext information. Press this button again to cancel.

Coloured buttons (red, green, yellow and blue)
Select the appropriate teletext page using the coloured buttons.

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7. SCART/AV/COMPONENT Settings Menu

The Picture Menu is the same as in the previous part of this user's manual.
The Sound Menu is the same as in the previous part of this user's manual.
The Channel Menu is not accessible, items are greyed out.
The Feature Menu is the same as in the previous part of this user's manual.
The Setup Menu is the same as in the previous part of this user's manual.

Note:
The following screen will appear if there is no signal from the input source DTV, ATV, SCART/AV/COMPONENT.

The device automatically switches to stand-by mode if the signal is not renewed within 15 minutes.

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8. HDMI

8.1. Setup Menu

Press the **SETUP** button to display the main menu.
Use the ▲/▼ buttons to select **Setup** in the main menu, then use the **OK** or ▶ button to enter the menu.

1. Press ▲/▼ to select the desired item which you wish to adjust and enter the menu by pressing the **OK** or ▶ button.
2. Use the ◀/▶ buttons to select an item, or use the ▲/▼ buttons to select another item.
3. After completing setup, press the **SETUP** button to save and return to the previous menu or press the **EXIT** button to completely exit the menu.

8.2. HDMI Setup

Use the ▲/▼ buttons to select the item **HDMI Setup** and then use the **OK** or ▶ button to enter the submenu.

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Note:
Other menus and descriptions are the same as in the preceding part of this user's manual.
The HDMI source menu is not available if the items are grey.
The Picture Menu is the same as in the previous part of this user's manual.
The Sound Menu is the same as in the previous part of this user's manual.
The Feature Menu is the same as in the previous part of this user's manual.

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9. PC

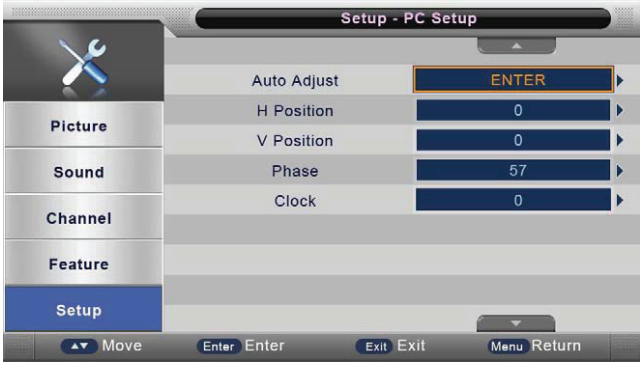
9.1. Setup Menu

Press the **SETUP** button to display the main menu.
Use the ▲/▼ buttons to select **Setup** in the main menu, then use the **OK** or ▶ button to enter the menu.

1. Press ▲/▼ to select the desired item which you wish to adjust and enter the menu by pressing the **OK** or ▶ button.
2. Use the ◀/▶ buttons to select an item, or use the ▲/▼ buttons to select another item.
3. After completing setup, press the **SETUP** button to save and return to the previous menu or press the **EXIT** button to completely exit the menu.

9.2. PC Setup

Use the ▲/▼ buttons to select the item **PC Setup** and then use the **OK** or ▶ button to enter the submenu.



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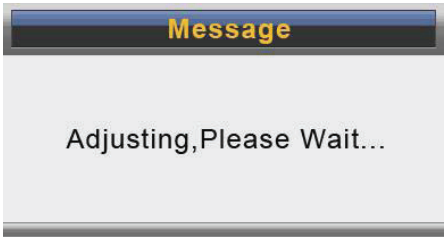
Auto Adjust
Use the ▲/▼ buttons to select the item **Auto Adjust** and then use the **OK** or ▶ button to enter the submenu.



H Position
Use the ▲/▼ buttons to select the item **H Position** and then use the **OK** or ▶ button to enter the submenu. Use the ◀/▶ buttons to adjust the horizontal position of the picture.

V Position
Use the ▲/▼ buttons to select the item **V Position** and then use the **OK** or ▶ button to enter the submenu. Use the ◀/▶ buttons to adjust the vertical position of the picture.

Phase
Use the ▲/▼ buttons to select the item **Phase** and then use the **OK** or ▶ button to enter the submenu. Use the ◀/▶ buttons to set the phase of the screen.

Clock
Use the ▲/▼ buttons to select the item **Clock** and then use the **OK** or ▶ button to enter the submenu. Use the ◀/▶ buttons to set the clock.

Note:
Other menus and descriptions are the same as in the preceding part of this user's manual.
The PC source menu is not available if the items are grey.
The Picture Menu is the same as in the previous part of this user's manual.
The Sound Menu is the same as in the previous part of this user's manual.
The Feature Menu is the same as in the previous part of this user's manual.

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10. USB devices

Brief introduction

This device has a USB 2.0 interface and can therefore playback music, movies or images from USB devices.
USB is an abbreviation of Universal Serial Bus. The majority of USB devices available on the market are either USB 1.1 or USB 2.0. Here we list several types of USB 1.1 devices: Monitor communication devices, sound devices, Human Input Devices (HID), high capacity memories, the majority of flash disks, USB HDD, etc. are high capacity memory devices. High capacity memory devices enable 2 types of transmission formats:

1. USB 1.1 Mass Storage Class Control/Bulk/Interrupt (CBI)
2. USB 1.1 Mass Storage Class Bulk-Only Transport. This device only supports USB 1.1 Mass Storage Class Bulk-Only Transport, we are not certain whether different USB devices will be supported! For this reason, please first find out the characteristics of the USB device before using it.

Note:

1. This device supports the MP3, MPEG1, MPEG2, AVI, JPEG and BMP formats.
2. This device supports the FAT16, FAT32 and NTFS formats.
3. MTP (Media Transfer Protocol) is not supported.
4. Connect the device directly into the USB port on your television. If you are using an extension cable, compatibility problems may arise.
5. Before connecting a device to the television, back up your files to prevent damage or loss of data. The manufacturer takes no responsibility for data loss or damage.
6. Do not disconnect the USB device while it is loading.
7. If you wish to change the playback mode, you first need to exit from the current playback mode by pressing the **EXIT** button.
8. The higher the resolution of the picture the longer it will take to display on the screen.
9. In the case of unsupported or damaged files the message "Unsupported format" will appear.

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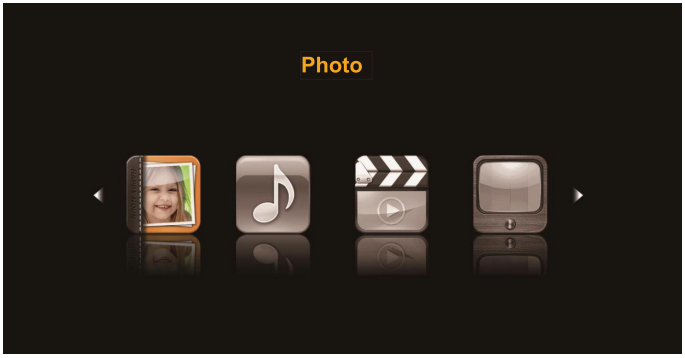
USB multimedia playback format

Media	File extension	Codec	
		Video	Audio
Movie	.avi	Xvid, MPEG-4	MP3, WMA, AAC
	.mpg	MPEG-1, MPEG-2	
	.dat	MPEG-1	
	.mov/.mkv	H.264	
Music	.mp3	--	MP3
	.wma	--	WMA
	.m4a/.aac	--	AAC
Photo	.jpg/jpeg	Progressive JPEG	
		Basic JPEG	
	.bmp	BMP	
	.png	Non-interlaced	
		Interlaced	

Note:
Before entering the MEDIA menu, connect the USB device, then press the **SOURCE** button to setup the input USB source.
Press the ▲/▼ button to select USB in the Source menu, then press the **OK** or ▶ button to enter.

10.1. Photo Menu



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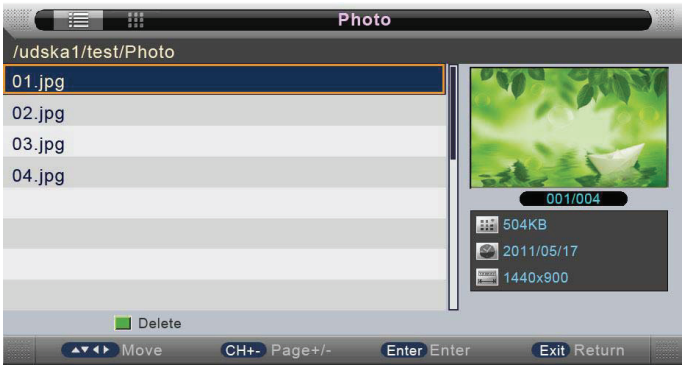
Press the ◀/▶ button to select **Photo** in the main menu, then press the **OK** button to enter. Press the EXIT button to return back to the previous menu.

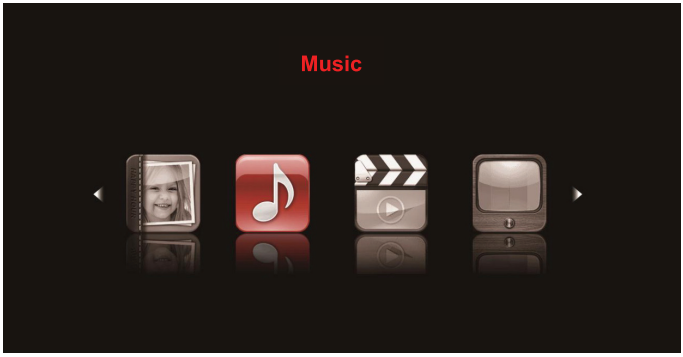


Press the ▲/▼ button to select a file which you wish to view, then in the file selection menu press the **OK** button or **I▶/II** to display the image.

Use the **OK** button to select a directory and use the **OK** or **I▶/II** button to playback or to pause playback. Information about the currently played file will appear for several seconds after starting or after the **DISPLAY** button is pressed.

10.2. Music Menu

Press the ◀/▶ button to select **Music** in the main menu, then press the **OK** button to enter. Press the EXIT button to return back to the previous menu.



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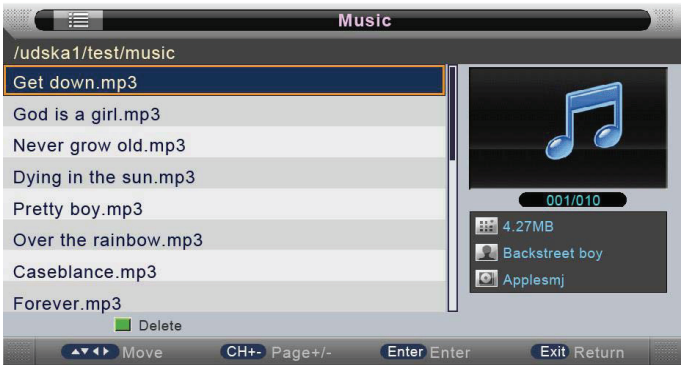
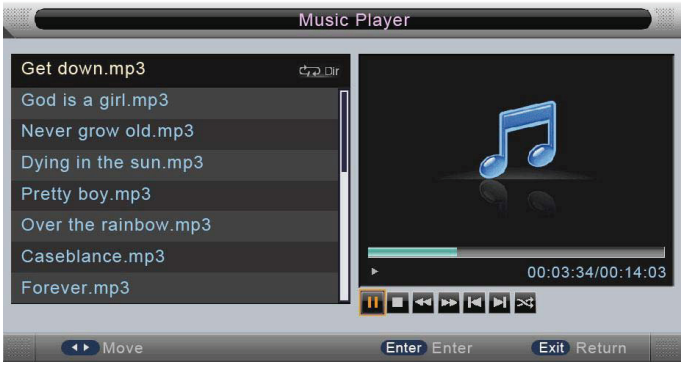
Press the ▲/▼ button to select a file which you wish to play, then in the file selection menu press the **OK** button or ▶ to start playback.I▶/II Use the ▼ button to return to the previous menu.



Information about the file that is being played will appear in the left part of the menu.



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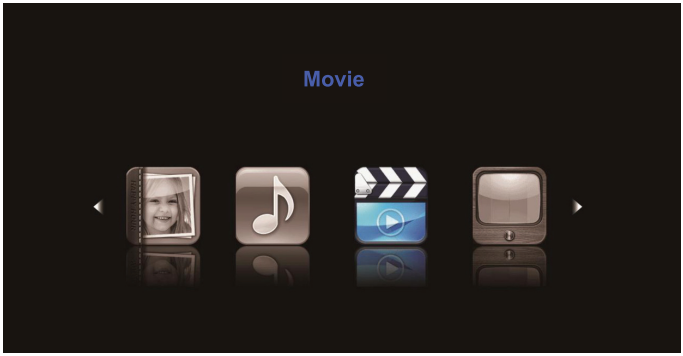
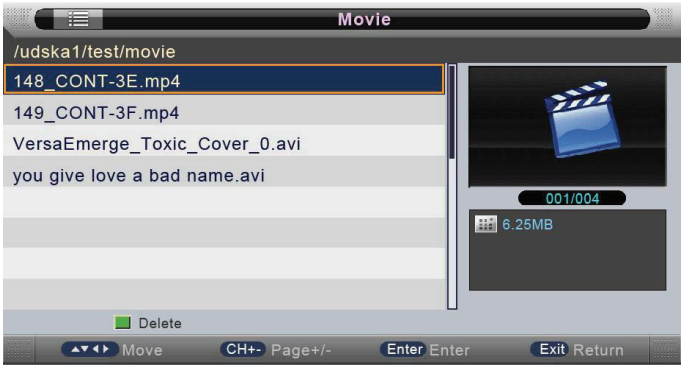
10.3. Movie Menu

Press the ◀/▶ button to select **Movie** in the main menu, then press the **OK** button to enter. Press the EXIT button to return back to the previous menu.



Press the ▲/▼ button to select a file which you wish to play, then in the file selection menu press the **OK** button or ▶ to start playback.▶/II Press the ■ or **EXIT** button to interrupt playback. Use the ▼ button to return to the previous menu.



Information about the currently played file will appear for several seconds after starting or after the **DISPLAY** button is pressed.

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10.4. PVR Menu

Press the ◀/▶ button to select **PVR** in the main menu, then press the **OK** button to enter. Press the EXIT button to return back to the previous menu.

Press the ▲/▼ button to select a file which you wish to play, then in the file selection menu press the **OK** button or **I▶/II** or ▶ to start playback.

Information about the currently played file will appear for several seconds after starting or after the **DISPLAY** button is pressed. Then press the **I▶/II** button to start playback in the right hand part of the screen.

Note:
Other functions are the same as the Movie menu.

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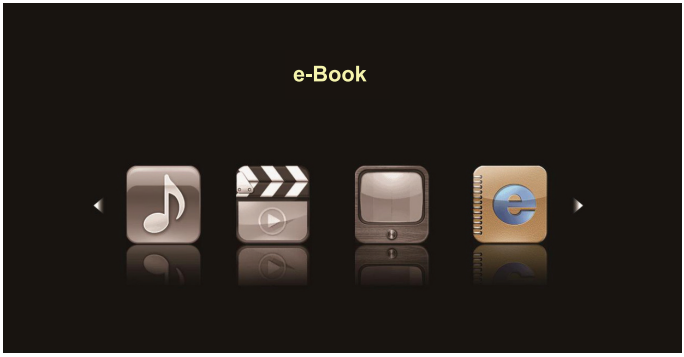
10.5. E-Book Menu (Book Reader)

Press the ◀/▶ button to select **E-Book (Book Reader)** in the main menu, then press the **OK** button to enter. Press the EXIT button to return back to the previous menu.



Press the ▲/▼ button to select a file which you wish to play, then in the file selection menu press the **OK** button or **I▶/II** or ▶ to start playback.

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11. Care and maintenance

Premature malfunction can be prevented. Careful and regular cleaning can extend the lifetime of your new television. Before starting to clean, do not forget to turn off the television and to pull the power cord out of the power socket.

Cleaning the screen

1. Remove dust from the screen in the following manner. Dampen a fine wiping cloth in lukewarm water containing an washing detergent for textiles or a dishwashing detergent. Wring the wiping cloth until it is almost dry and use it to clean the screen.
2. Make sure that the screen is not wet and allow it to dry naturally before turning it on.

Cleaning other parts

To clean dirt or dust, wipe the other parts of the television with a fine dry lint-free wiping cloth. Do not use a damp wiping cloth.

Taking out of operation for an extended period

If you will not be using the television for an extended period of time (e.g. during a holiday), it is advisable to pull the power cord out of the power socket to prevent the television from being damaged as a result of a lightning strike or current spike.

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12. Troubleshooting

Troubleshooting problems with the picture

Symptom	Cause and solution
Black screen, power indicator is off.	Check the power cord connection and whether the device is turned on.
	Check that the signal input cable is correctly connected. Check that the input device is turned on
Picture is flashing, it is unstable	Check that the signal of the input device is compatible with the specifications of the device.
	Check the computer output mode: control panel - display - settings If the settings do not correspond to the specifications of the device, please adjust the settings.
	Horizontal display frequency: 30KHz ~ 75KHz Vertical display frequency: 50 Hz ~ 75Hz

Troubleshooting problems with sound and the television

Symptom	Cause and solution
Cannot be turned on.	Please make sure that the power cord is connected properly.
No sound.	Please make sure that the audio cable is connected properly.
	Check the volume.
	Check that there is nothing connected to the headphone jack.
Volume is too low	Check the volume.
	If the volume is still too low even after adjusting the volume to maximum, please check that the settings on the input device are correct
The picture is speckling.	The input antenna is damaged or incorrectly connected.
The remote control is not working.	Check whether the batteries in the remote control are flat. Whether the batteries are connected correctly. Whether there are any obstacles between the remote control and the reception sensor of the device. Check that the reception sensor is accessible.

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13. Technical specifications

Model	**SLE 24F54M4**
Diagonal	23.6"
Power consumption	32 W
Power consumption while in stand-by mode	≤0.5 W
Nominal voltage	230 V ~
Remote control	Yes
VESA wall mount	100 x 100
Dimensions with the stand (W x H x D)	580 x 400 x 180 mm
Dimensions without the stand (W x H x D)	580 x 381 x 45.5 mm
Dimensions of the packaging (W x H x D)	721 x 415 x 120 mm
Net weight with the stand	4.4 kg
Net weight without the stand	4.2 kg
Connections	
RF IN	1
AV input	3x RCA (Audio + CVBS)
SCART	1
Component YPbPr	1 (minijack)
VGA (D-Sub 15 pin)	1
HDMI	1
SPDIF coaxial	1
USB	1
Supported USB formats	1
CI slot	1
Other functions	
WXGA resolution	1080 x 1920
Brightness (cd/m2)	300 nits
Aspect ratio	16:09
Dynamic contrast	1000
Response time (ms)	5 ms
Number of colours	16.7M
Adjustable colour temperature	Standard, Cool, Warm
Viewing angle	160° (up + down) & 170° (left + right)

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Built-in tuner	Yes
Video system	MPEG 2MP@HL, H.264
Audio system	MPEG-2 layer 1/2, MPEG-2 layer 2, BG/DK/I/L a NICAM/ A2 STEREO sound system
Stereo sound	Yes
Audio output	2 x 3 W
PVR recording on USB	Yes
Sound correction	Yes
Progressive scan	Yes
Time shift function (Timeshift)	Yes
EPG	Yes
Teletext	Yes
Teletext pages	1000
Comb filter	3D
OSD menu	Yes
Zoom	Auto, 4:3, 16:9, Zoom1, Zoom2
Noise reduction	DNR (Dynamic noise reduction)
Shut off/start up/sleep timer	Yes
Subtitles	Yes
Audio language	Yes
Channel list	Yes
List of favourites	Yes
Freeze picture	Yes
Radio	Yes
Lock	Yes
Parental Guidance	Yes
Hotel mode	Yes

Note:
Technical specifications may change without prior notice.

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INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.

CE This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

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EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

Visit www.sencor.eu for detailed information about authorized service centers.

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